

Utah Monthly Communicable Disease Report

November 2017



Background: The Utah Department of Health collects data on over 75 communicable diseases that affect the residents of Utah. These data are monitored by epidemiologists to detect changes in disease activity, and guide prevention and education efforts. More information can be found at <http://health.utah.gov/epi/>.

Note: Individual disease investigations take time to complete; for this reason, data in this report should be considered provisional and will change as more complete reports are received.

Current counts of selected reportable diseases,* compared to an historical 5-year average, November 2017

Disease/Condition	Nov 2017	5-yr Nov avg+	2017 YTD**	5-yr YTD avg+, **
Acinetobacter species resistant to carbapenems	0	U	1	U
Acute Flaccid Myelitis	0	U	1	U
Arbovirus infection (not including West Nile, Dengue, or Yellow Fever)	0	0.0	0	0.8
Babesiosis	0	0.0	0	0.0
Botulism, total	0	0.6	1	5.8
foodborne	0	0.0	0	0.4
infant	0	0.4	1	5.2
other (wound/unspecified)	0	0.2	0	0.2
Brucellosis	0	0.2	0	0.8
Campylobacteriosis	27	32.0	547	480.0
Chickenpox	19	23.0	188	223.2
Chlamydia	770	657.8	9259	7611.2
Cholera	0	0.0	0	0.0
Coccidioidomycosis	1	5.8	49	45.8
Colorado tick fever	0	0.0	0	0.4
Creutzfeldt-Jakob disease and other transmissible human spongiform encephalopathies	0	0.2	3	3.0
Cryptosporidiosis	7	9.8	115	133.8
Cyclosporiasis	0	0.2	13	2.2
Dengue	0	0.2	0	3.6
Ehrlichiosis/Anaplasmosis	0	0.2	1	1.0
Encephalitis	0	0.6	3	4.0
Enterobacter species resistant to carbapenems	1	U	1	U
Escherichia coli species with resistance or intermediate resistance to carbapenems	0	U	1	U
Giardiasis	8	13.6	189	206.8
Gonorrhea	188	121.6	2304	1180.2
HIV infection	3	13.0	92	113.4
Haemophilus influenzae, all ages, invasive disease	6	5.0	58	39.8
nonserotype B, age < 5 years	0	0.2	6	1.6
serotype B, age < 5 years	0	0.4	0	0.4
unknown serotype, age < 5 years	0	0.0	5	1.6
Hansen's disease (Leprosy)	0	0.0	0	0.8
Hantavirus pulmonary syndrome	0	0.2	1	1.6
Hemolytic uremic syndrome, post-diarrheal	0	0.0	11	5.2
Hepatitis A	30	0.8	107	8.0
Hepatitis B, acute	0	0.8	12	8.2
Hepatitis B, chronic	20	23.8	277	267.8
Hepatitis C, acute	5	5.2	54	34.0
Hepatitis C, chronic	125	131.4	1816	1486.2
Hepatitis, other viral	0	0.0	0	1.0
Influenza-associated hospitalizations§	71	46.6	1083	714.6
Influenza-associated pediatric mortality§	0	0.0	0	1.8
Klebsiella species resistant to carbapenems	0	U	5	U
Legionellosis	0	2.8	23	24.6
Leptospirosis	0	0.0	1	0.4
Listeriosis	0	0.6	5	3.6

*Anthrax, Chancroid, Diphtheria, Poliomyelitis (paralytic & nonparalytic), Psittacosis, Rabies (human), Rubella (congenital), Severe Acute Respiratory Syndrome (SARS), Smallpox, Syphilis (congenital), Tetanus, Vancomycin-resistant Staphylococcus aureus (VRSA), Viral hemorrhagic fevers, and Yellow fever are not included in this report as there have been no cases reported in the state of Utah in the last five years.

+Averages are susceptible to skewing due to outbreaks and should be interpreted with care.

**YTD indicates counts are year-to-date.

§Influenza is best assessed seasonally. Weekly updates are available at <http://health.utah.gov/epi/diseases/influenza/surveillance/index.html>.

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Lyme disease	0	0.6	13	12.8
Malaria	0	0.8	5	7.0
Measles	0	0.0	3	0.8
Meningitis, aseptic	1	4.0	35	37.0
Meningitis, bacterial, other	1	1.4	18	13.8
Meningitis, viral	1	3.0	47	38.4
Meningococcal disease (Neisseria meningitidis)	1	0.2	2	3.4
Mumps	0	0.0	40	1.6
Pertussis	18	72.4	359	861.6
Plague	0	0.0	0	0.4
Q fever	0	0.0	0	3.8
Rabies, animal	0	0.0	22	17.6
Relapsing fever, tick-borne and louse-borne	0	0.0	0	0.4
Rubella	0	0.0	0	0.2
Salmonellosis	17	23.2	365	329.4
Shiga toxin-producing Escherichia coli (STEC) infection	8	6.4	119	87.6
Shigellosis	4	4.2	40	40.4
Spotted Fever Rickettsiosis (Rocky Mountain Spotted Fever)	0	0.6	1	5.8
Streptococcal disease, invasive, group A	10	11.2	97	123.4
Streptococcal disease, invasive, group B	14	13.2	132	131.6
Streptococcal disease, invasive, other	26	29.6	397	282.0
Streptococcus pneumoniae, invasive disease	19	16.8	195	178.8
age < 5 years	1	1.6	17	19.0
Syphilis, early (infection < 12 months)	3	8.8	108	93.8
primary & secondary	2	5.4	62	60.6
early latent	1	3.4	46	33.2
Syphilis, latent (infection > 12 months)	0	4.4	49	53.6
Toxic shock syndrome (staphylococcal or streptococcal)	2	1.6	16	18.8
Trichinellosis	0	0.0	0	0.2
Tuberculosis, active	0	2.2	12	29.8
Tularemia	0	0.0	4	3.0
Typhoid fever	0	0.2	0	1.6
Vancomycin-intermediate Staphylococcus aureus (VISA)	0	0.0	0	0.2
Vibriosis	1	0.4	14	4.6
West Nile virus, total	0	0.0	62	7.0
neuroinvasive disease	0	0.0	38	4.0
nonneuroinvasive disease	0	0.0	24	3.0
Zika Virus Disease	0	U	4	U

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